

Title (en)
POSITIVE ELECTRODE PLATE AND ELECTROCHEMICAL DEVICE

Title (de)
POSITIVE ELEKTRODENPLATTE UND ELEKTROCHEMISCHE VORRICHTUNG

Title (fr)
PLAQUE D'ÉLECTRODE POSITIVE ET DISPOSITIF ÉLECTROCHIMIQUE

Publication
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Application
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Priority
CN 201811367011 A 20181116

Abstract (en)
[origin: EP3654419A1] The present invention relates to a positive electrode plate and an electrochemical device. The positive electrode plate comprises a current collector (10), a positive active material layer (14) and a safety coating (12) disposed between the current collector (10) and the positive active material layer (14), wherein the safety coating (12) comprises a polymer matrix, a conductive material and an inorganic filler, wherein the polymer matrix comprises at least two types of polymer materials, and the first type of polymer material is fluorinated polyolefin and/or chlorinated polyolefin, and the solubility of the second type of polymer material in oil solvent is smaller than the solubility of the first type of polymer material; and the weight percentage of the first type of polymer material relative to the total weight of the polymer matrix, the conductive material and the inorganic filler is 17.5% or more. The positive electrode plate improves high temperature safety of electrochemical device.

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Cited by
EP3787070A4; EP3787069A4

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